on y

Application No.: 09/750,073

Group Art Unit: 2871

Docket No.: 8733.376.00

Page 2

a dielectric structure on a second substrate, the dielectric structure dividing each pixel region into a plurality of domains;

at least one or more additional structures formed at an end portion of the dielectric structure within the pixel region; and

a liquid crystal layer between the first substrate and the second substrate.

02

15. (Amended) The multi-domain liquid crystal display device of claim 12, wherein each pixel region is divided into at least three domains.

(Amended) The multi-domain liquid crystal display device of claim 12, wherein the dielectric structures have a zig-zag shape.

(Amended) The multi-domain liquid crystal display device of claim 12, wherein the common auxiliary electrodes have an extension portion electrically connected with the common auxiliary electrode of a neighboring pixel region.

Please ADD new Claims 22-51 as follows:

³

-22. (New) The multi-domain liquid crystal display device of claim 1, wherein the additional structure is on the dielectric structure.

18

28. (New) A multi-domain liquid crystal display device, comprising:

first and second substrates;

Application No.: 09/750,073

Group Art Unit: 2871

Docket No.: 8733.376.00

Page 3

a plurality of data lines in a first direction and a plurality of gate lines in a second direction on the first substrate, the first direction intersecting the second direction;

a plurality of pixel regions between the data lines and the gate lines;

a thin film transistor in each of the pixel regions;

a common auxiliary electrode around each respective pixel region;

a dielectric structure in at least one of the pixel regions, the dielectric structure having two end portions and a middle portion, the end portions each having a U shape with an apex, the apexes connected to one another by the middle portion; and

a liquid crystal layer between the first and second substrates.

24. (New) The multi-domain liquid crystal display device of claim 28, further comprising at least one electric field induction window in a corner portion of at least one of the pixel regions.

26. (New) The multi-domain liquid crystal display device of claim 23, further comprising a common electrode in the at least one pixel region wherein the dielectric structure is on the common electrode.

26. (New) The multi-domain liquid crystal display device of claim 23, further comprising a common electrode in the at least one pixel region and additional dielectric structures on the common electrode in a corner of the at least one pixel region.

21. (New) The multi-domain liquid crystal display device of claim 23, wherein at least one of the two end portions further comprises a projection.

Application No.: 09/750,073

Group Art Unit: 2871

Docket No.: 8733.376.00

Page 4

23

28. (New) The multi-domain liquid crystal display device of claim 23, wherein the at least one pixel region is divided into first, second and third regions by the dielectric structure.

29. (New) The multi-domain liquid crystal display device of claim 28, wherein the first region is formed in one portion of the at least one pixel region, and the second and third regions are separated from an end part of the first region.

35. (New) The multi-domain liquid crystal display device of claim 25, wherein the dielectric structure has a dielectric constant of 3 or less.

(New) The multi-domain liquid crystal display device of claim 23, further comprising an alignment film on at least one of the first and second substrates.

32. (New) The multi-domain liquid crystal display device of claim 28, wherein the dielectric structure includes at least one electric field induction window.

28 27 28. (New) The multi-domain liquid crystal display device of claim 32, wherein the electric field induction window includes a slit.

29
24. (New) The multi-domain liquid crystal display device of claim 23, further comprising a phase difference film on at least one of the first and second substrates.

36. (New) The multi-domain liquid crystal display device of claim 26, further comprising at least one or more additional structures formed at an end portion of the dielectric structure within the pixel region.

31
36. (New) A multi-domain liquid crystal display device, comprising:

Application No.: 09/750,073 Docket No.: 8733.376.00

Group Art Unit: 2871

Page 5

first and second substrates;

a plurality of data lines in a first direction and a plurality of gate lines in a second direction on the first substrate, the first direction intersecting the second direction;

a plurality of pixel regions between the data lines and the gate lines;

a thin film transistor in each of the pixel regions;

a common auxiliary electrode around each respective pixel region;

at least one electric field induction window in a corner portion of at least one of the pixel regions; and

a liquid crystal layer between the first and second substrates.

M. (New) The multi-domain liquid crystal display device of claim 36, further comprising an alignment film on at least one of the first and second substrates.

38. (New) The multi-domain liquid crystal display device of claim 26, wherein the electric field induction window includes a slit.

39. (New) The multi-domain liquid crystal display device of claim 36, further comprising a phase difference film on at least one of the first and second substrates.

(New) The multi-domain liquid crystal display device of claim 36, further comprising a dielectric structure on the second substrate, the dielectric structure dividing each pixel region into a plurality of domains; and at least one or more additional structures formed at an end portion of the dielectric structure with the pixel region.

(New) A multi-domain liquid crystal display device, comprising: first and second substrates;

Application No.: 09/750,073 Docket No.: 8733.376.00

Group Art Unit: 2871

a plurality of data lines in a first direction and a plurality of gate lines in a second direction on the first substrate, the first direction intersecting the second direction;

a plurality of pixel regions between the data lines and the gate lines, at least one of the pixel regions including three subregions;

a common auxiliary electrode within each subregion, the common auxiliary electrode having a hexagonal shape;

a thin film transistor in each of the pixel regions; and

a liquid crystal layer between the first and second substrates.

(New) The multi-domain liquid crystal display device of claim 41, further comprising dielectric structures in each subregion, wherein the dielectric structures do not overlap the common auxiliary electrode.

MS. (New) The multi-domain liquid crystal display device of claim AZ, wherein the dielectric structures are diagonal with respect to a corresponding subregion.

M. (New) The multi-domain liquid crystal display device of claim M., wherein the dielectric structures each have a zig-zag shape.

48. (New) The multi-domain liquid crystal display device of claim 42, wherein the dielectric structures each include a cut out portion.

46. (New) The multi-domain liquid crystal display device of claim 42, wherein the dielectric structures have a dielectric constant of 3 or less.

(New) The multi-domain liquid crystal display device of claim 12, wherein the dielectric structures each include at least one electric field induction window.

DC:103440.1